



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

Publication Date:  
March 9, 2009

Closing Date:  
April 8, 2009

## JOINT PUBLIC NOTICE

IDEM ID Number:  
2009-053-29-EMP-A

Corps of Engineers ID Number:  
LRL-2008-637-cmh

### To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for a **Section 401 Water Quality Certification** and a **State Isolated Wetland Individual Permit** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and permits required under IC 13-18-22 and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2 and all applicable provisions of IC 13-18-22.

**1. Applicant:** Mr. Walter Dean Barbour  
2284 W. CR 500 South  
Cutler, IN 46920

**2. Agent:** Mr. Eric Ellingson  
Earth Source, Inc.  
14921 Hand Road  
Fort Wayne, IN 46818

**3. Project location:** NW 1/4 Section 21, Township 19 North, Range 4 East, Noblesville USGS Quad Map  
Project is located within the Hinkle Creek Estates subdivision, east of Hinkle Road, north of SR 38, near Noblesville, Hamilton County

**4. Affected waterbody:** federally jurisdictional emergent & scrub-shrub wetlands and Class II isolated forested & non-forested wetlands

**5. Project Description:** The applicant is applying for **after-the-fact** Section 401 Water Quality Certification and an **after-the-fact** Isolated Wetland Individual Permit (IWIP) for impacts to wetlands that occurred during the development of the Hinkle Creek Estates subdivision. The applicant has impacted 0.91 acre of Wetland "Section V" without IDEM authorization (0.32 acre was impacted in 2003 and an additional 0.59 acre was impacted in 2007). The applicant proposes to impact an additional 0.05 acre of wetland to allow for an upland buffer around the existing house that has been built on Lot 22. To minimize impacts to Wetland "Section IV" the applicant proposes to restore 0.36 acre of current violation (0.28 acre emergent wetland restoration and 0.08 acre scrub-shrub wetland restoration). The permanent acreage of impact to Wetland "Section IV" is proposed to be 0.60 acre (0.33 acre emergent and 0.27 acre scrub-shrub). Impacts to federally jurisdictional wetlands require the construction of 0.66 acre emergent wetland mitigation and 0.81 acre scrub-shrub wetland mitigation).

Additionally, the applicant has impacted 0.01 acre non-forested Class II isolated Wetland "Section II" and has also impacted 0.10 acre of Wetland "Section IIIA," a Class II forested isolated wetland. Impacts to Class II isolated wetlands require the construction of 0.02 acre Class II non-forested wetland mitigation and 0.20 acre of Class II forested wetland mitigation.

A total of 1.69 acres of wetland mitigation is required (1.49 acres non-forested and 0.20 acre forested mitigation). As mitigation, the applicant proposes to construct 1.69 acres of wetland mitigation onsite (0.68 acre emergent and 1.01 acres of forested/scrub-shrub wetland). The wetland mitigation is proposed to be constructed on Lots 26-29 adjacent to existing 0.32 acre Wetland "Section IV." The mitigation is proposed to be surrounded by a 25' wide upland buffer (0.97 acre).

The applicant has also impacted 0.12 acre Class II non-forested Wetland "Section I" and 0.32 acre Class II forested Wetland "Section IV." These impacts occurred prior to January 1, 2004, which is the date Indiana's State Isolated Wetlands law went into effect, and IDEM has no authority over the filling of isolated wetlands before January 1, 2004. The applicant has also impacted 0.18 acre Class II forested Wetland "Section III", which is an exempt isolated wetland and not under the regulatory authority of IDEM.

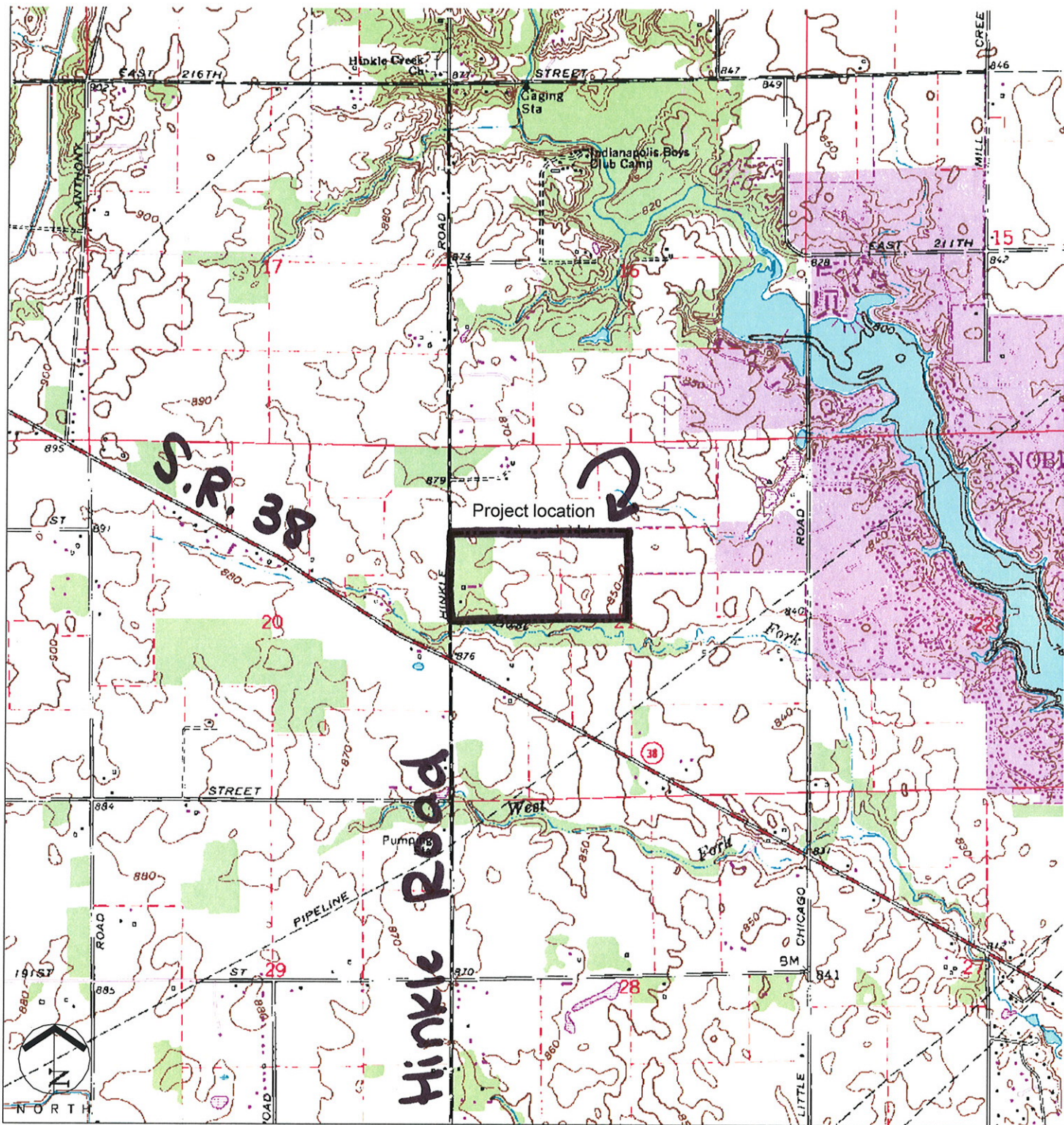
**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the state isolated wetland permit review and the water quality certification review processes.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Ms. Liz Pelloso, Project Manager, at 317-233-2482. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406





Project Purpose:

PERMIT APPLICATION

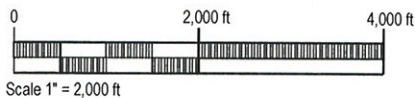
Agent:



**Earth-Source Inc**

14921 Hand Road, Fort Wayne, IN 46818  
(260) 489-8511 Fax (260) 489-8607

### PROJECT LOCATION MAP



Applicant:

MR. DEAN BARBOUR  
2284 WEST 500 SOUTH  
CUTLER, IN 46920

Project Name:

HINKLE CREEK ESTATES

State:

INDIANA

County:

HAMILTON

Township Name:

NOBLESVILLE

Township:

T19N

Range:

R04E

Section:

21

Quadrangle:

NOBLESVILLE

Latitude/Longitude (NAD 27):

40° 03' 26"N, 86° 02' 38"W

Date:

02-03-2009

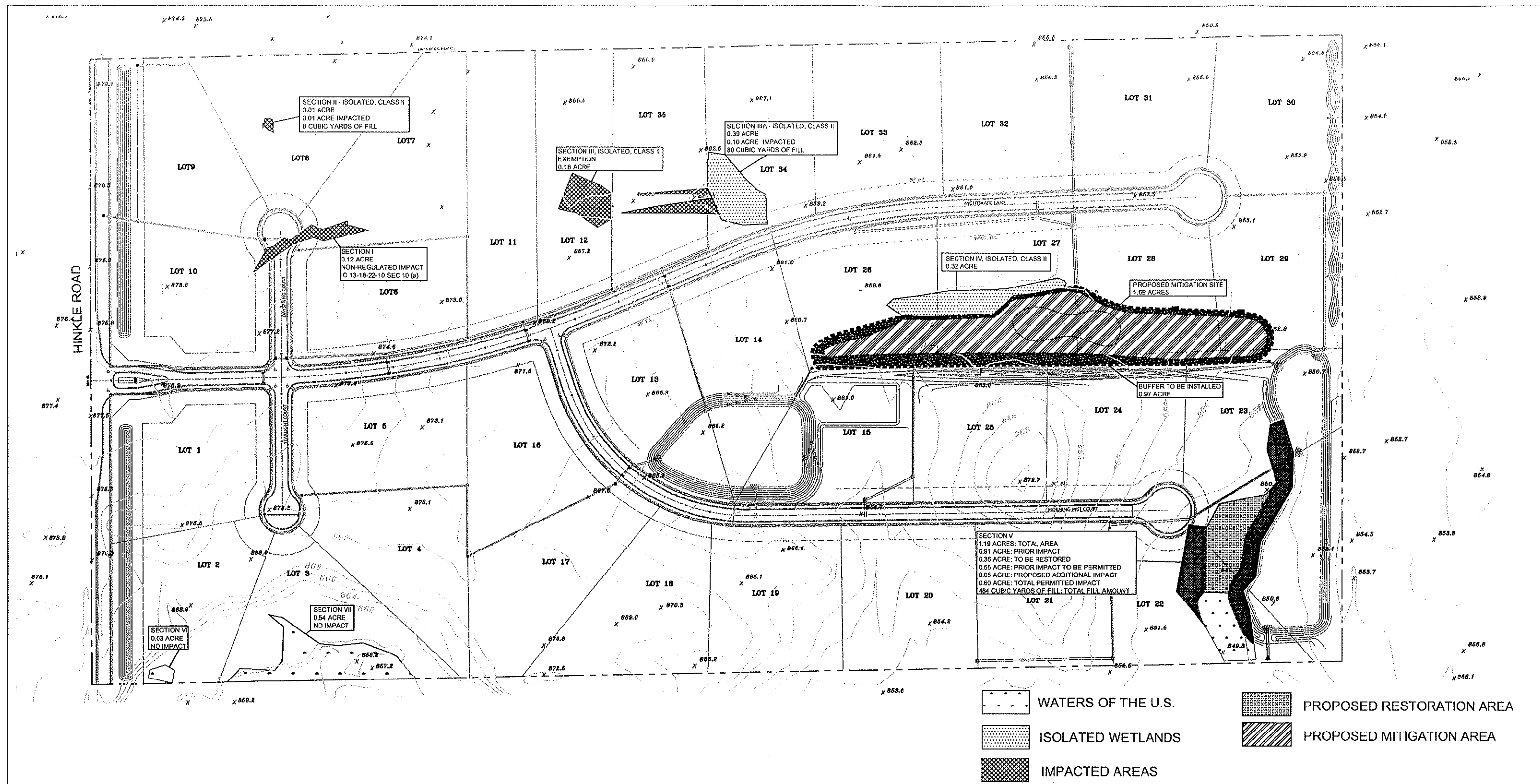
Attachment:

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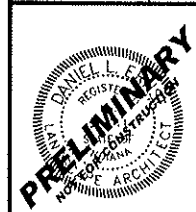
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# HINKLE CREEK ESTATES

Noblesville Township, Hamilton County, Indiana

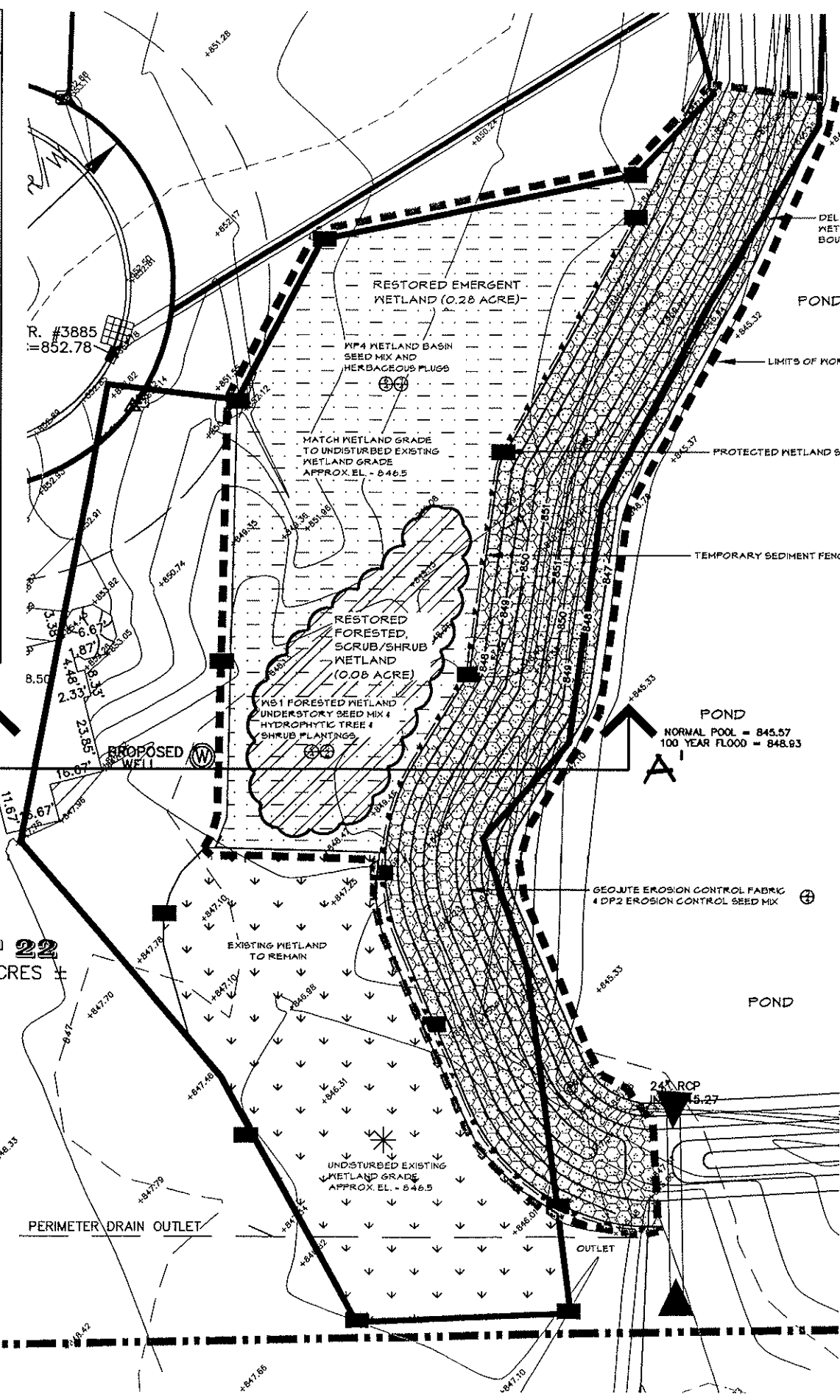
## MITIGATION PLAN: RESTORATION



date: 02/02/09  
checked by: date:  
DLE  
drawn by: date:  
ASW 02/02/09  
revision: date:  
ASW 03/03/09  
file name:  
Hinkle\_Creek\_RESTORATION.dwg  
project no:  
0805039

### LEGEND

- LIMITS OF WORK
- PROPERTY BOUNDARY
- DELINEATED WETLAND BOUNDARY
- PRE-EXISTING MAJOR CONTOURS
- PRE-EXISTING MINOR CONTOURS
- EXISTING (MID-CONSTRUCTION) CONTOURS & SPOT GRADES
- PROPOSED CONTOURS
- RESTORED WETLAND BOUNDARY
- TEMPORARY SEDIMENT FENCE
- EXISTING WETLAND TO REMAIN
- GEOTEXTILE EROSION CONTROL FABRIC
- DP2 PRAIRIE GRASS EROSION CONTROL SEED MIX
- WIP4 MIDWESTERN WETLAND BASIN SEED MIX AND HERBACEOUS PLUGS
- F81 FORESTED WETLAND UNDERSTORY SEED MIX AND HYDROPHYTIC TREE & SHRUB PLANTINGS
- PROTECTED WETLAND SIGN



### IMPACT RESTORATION NOTES:

- Earthwork Contractor to remove earthen fill material within the wetland boundary where indicated. Excavated fill shall be relocated to a contained upland location per Owner's direction.
- Final grade shall match the grade of the adjacent undisturbed wetland area.
- Restoration Contractor to seed wetland restoration area as per plans and specifications.
- Restoration Contractor to plant herbaceous plugs over 4% of the emergent restoration area, 16" on center.
- Restoration Contractor to plant trees and shrubs at a rate of 435 stems per acre within forested restoration area.
- Restoration Contractor to seed and stabilize any additional disturbed areas.
- No work is to occur within undisturbed portions of the wetland.

### PLANT LISTS

#### SEED MIXES

QTY.	DESCRIPTION
4000 SF	Midwestern Forested Wetland Understory Mix (M51)
11600 SF	Midwestern Wetland Basin Mix (WIP4)
15100 SF	Midwestern Prairie Grass Erosion Control Mix (DP2)

\* SEED MIXES AVAILABLE FROM HEARTLAND RESTORATION SERVICES, INC. (260) 489-8511.

#### WETLAND HYDROPHYTIC SHRUB LIST

QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	REMARKS
1	Cephaelis occidentalis	Common Butterbush	1-4' Tall	Container	Plant 10' on center in random masses
1	Cornus stolonifera	Red-Osier Dogwood	1-4' Tall	Container	Plant 10' on center in random masses
1	Sambucus canadensis	Common Elderberry	1-4' Tall	Container	Plant 10' on center in random masses
1	Rosa palustris	Swamp Rose	1-4' Tall	Container	Plant 10' on center in random masses
1	Viburnum dentatum	Arrow Wood	1-4' Tall	Container	Plant 10' on center in random masses
1	Viburnum lentago	Nannyberry	1-4' Tall	Container	Plant 10' on center in random masses

#### WETLAND HYDROPHYTIC TREE LIST

QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	REMARKS
7	Betula nigra	River Birch	1-4' Tall	Container	Plant 10' on center in random masses
7	Carya cordiformis	Blitternut Hickory	1-4' Tall	Container	Plant 10' on center in random masses
7	Carya lincensis	Pecan Hickory	1-4' Tall	Container	Plant 10' on center in random masses
7	Quercus bicolor	Swamp White Oak	1-4' Tall	Container	Plant 10' on center in random masses
7	Quercus palustris	Pin Oak	1-4' Tall	Container	Plant 10' on center in random masses

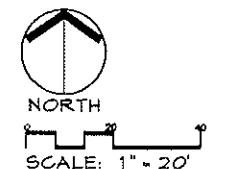
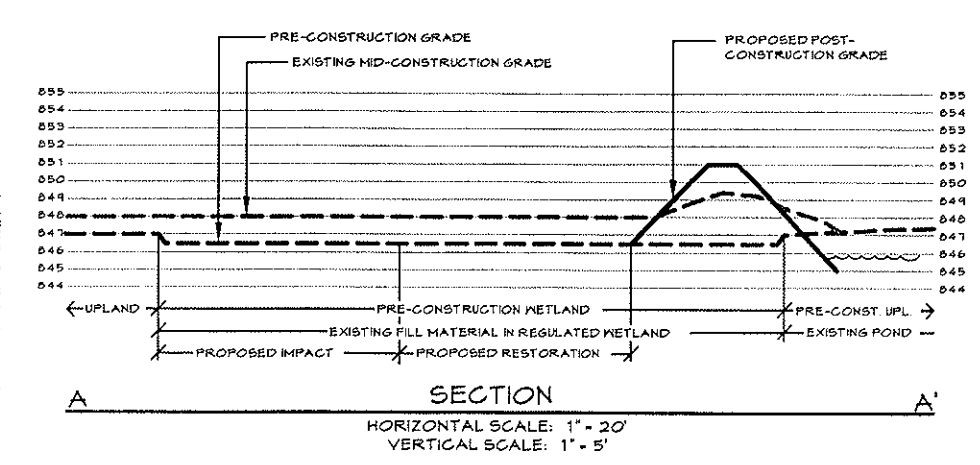
#### WETLAND HERBACEOUS PLUG LIST

QTY.	SCIENTIFIC NAME	COMMON NAME	SIZE	ROOT	PLANTING ZONE	REMARKS
42	Carex Frankii	Frank's Sedge	4' Tall	Bareroot	0-6" inundation	Species to be planted over 4% of the wetland
42	Carex lupulina	Hop Sedge	4' Tall	Bareroot	0-12" inundation	mitigation and enhancement
42	Juncus effusus	Soft Rush	4' Tall	Bareroot	0-6" inundation	areas, 16 inches on center,
42	Scirpus cyperinus	Woolgrass	4' Tall	Bareroot	Saturated	and within appropriate
42	Spergulum eurycarpum	Common Bur Reed	4' Tall	Bareroot	0-6" inundation	hydrologic planting zone.

#### MISCELLANEOUS MATERIALS

QTY.	ITEM	SPECIFICATION
14	Wetland Mitigation Boundary Signs	4' x 6' signs installed as per plan and detail.
15100 SF	Geotextile erosion control fabric	Install where indicated on plan as per manufacturer's installation instructions, details, and specifications.

NOTE: Quantities are provided for Contractor's convenience. Contractor responsible for verification of quantities prior to bidding.



NOTE: Plan and cross-section are scaled for printing on a 24"x36" construction sheet. Smaller prints are not to scale.



